

APPROVED BY DRAFTSMAN	O.G. FIG. CLASS	SUBCLASS
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Serial No.: Filed: 10/09/2001
 Examiner: Group Art Unit:
 Applicant: Kenneth J. Rothschild
 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 1 of 36

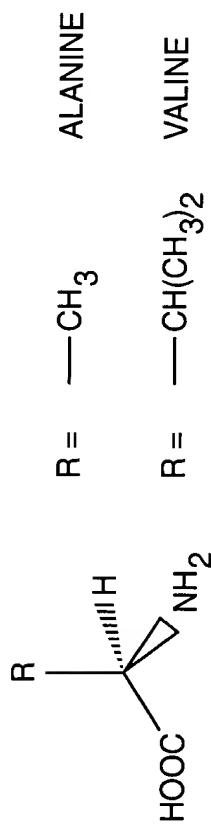


FIG. 1A

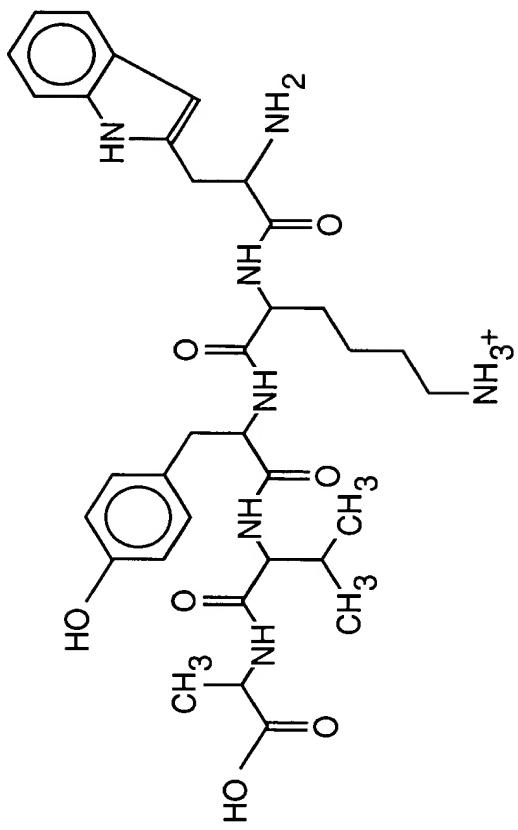


FIG. 1B

-OOC—ALANINE-VALINE-TYROSINE-LYSINE-TRYPTOPHAN NH₃⁺

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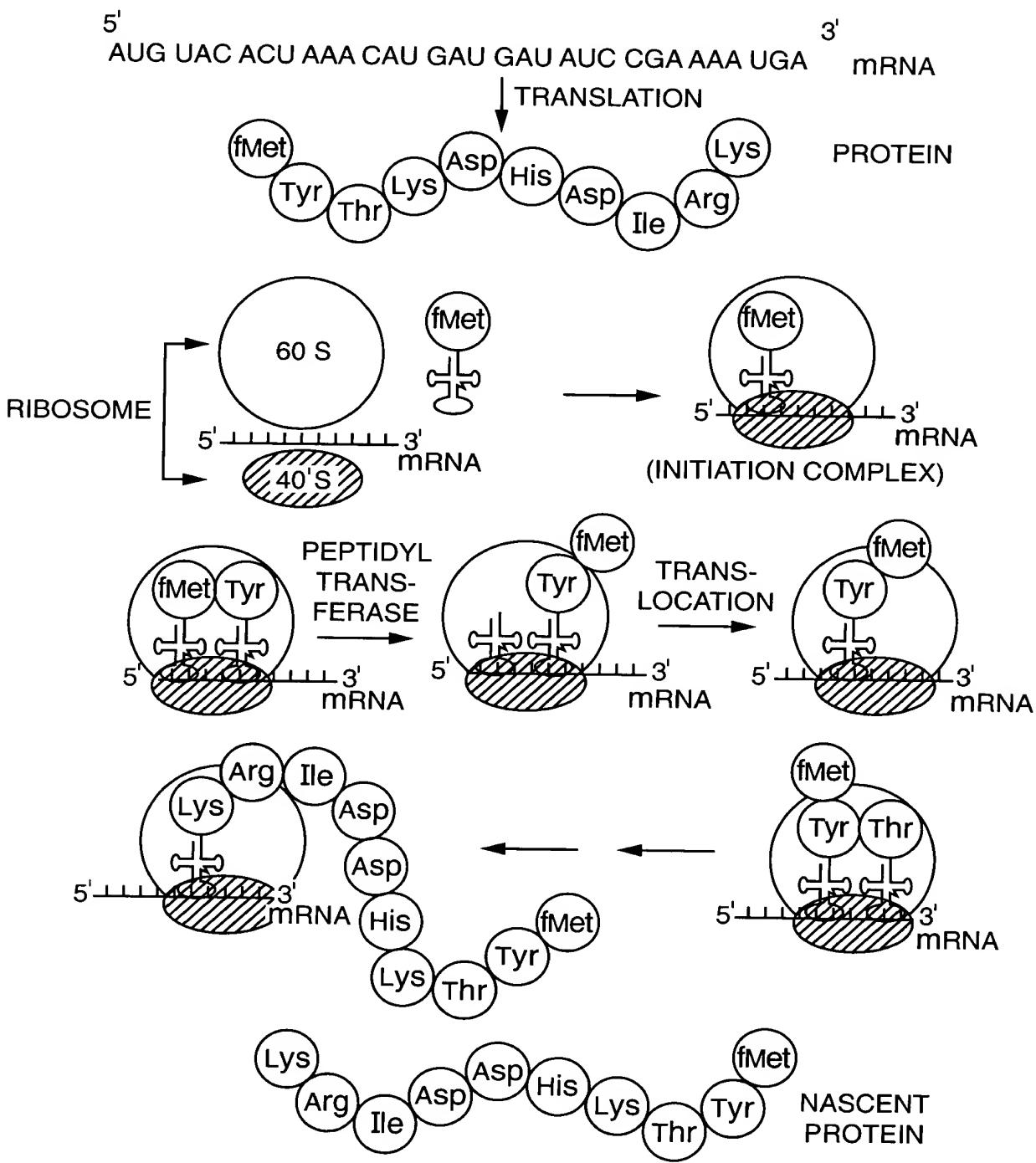


FIG. 2

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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 3 of 36

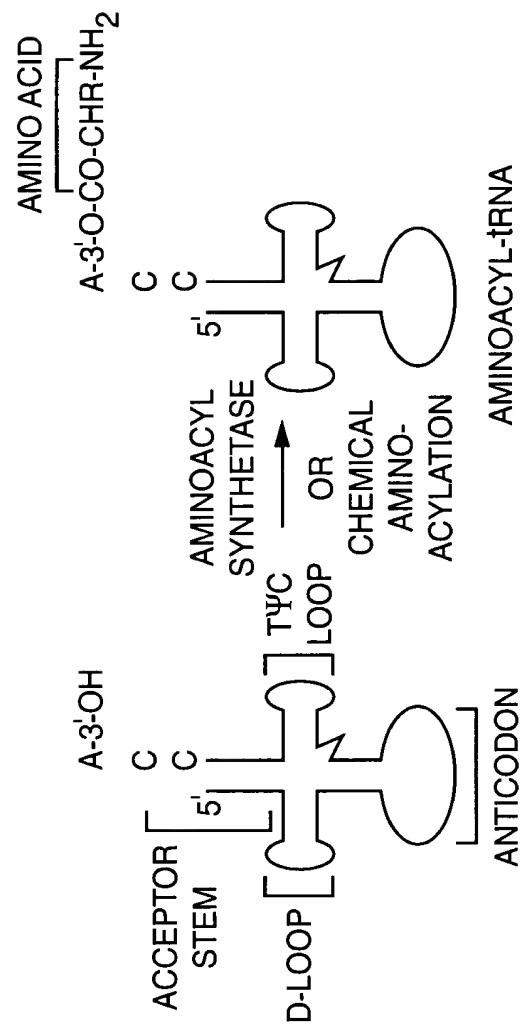


FIG. 3A

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Serial No.: 10/09/2001
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 Markers In Nascent Proteins**
 Atty. Docket No.: AMBER-06819 Sheet 4 of 36

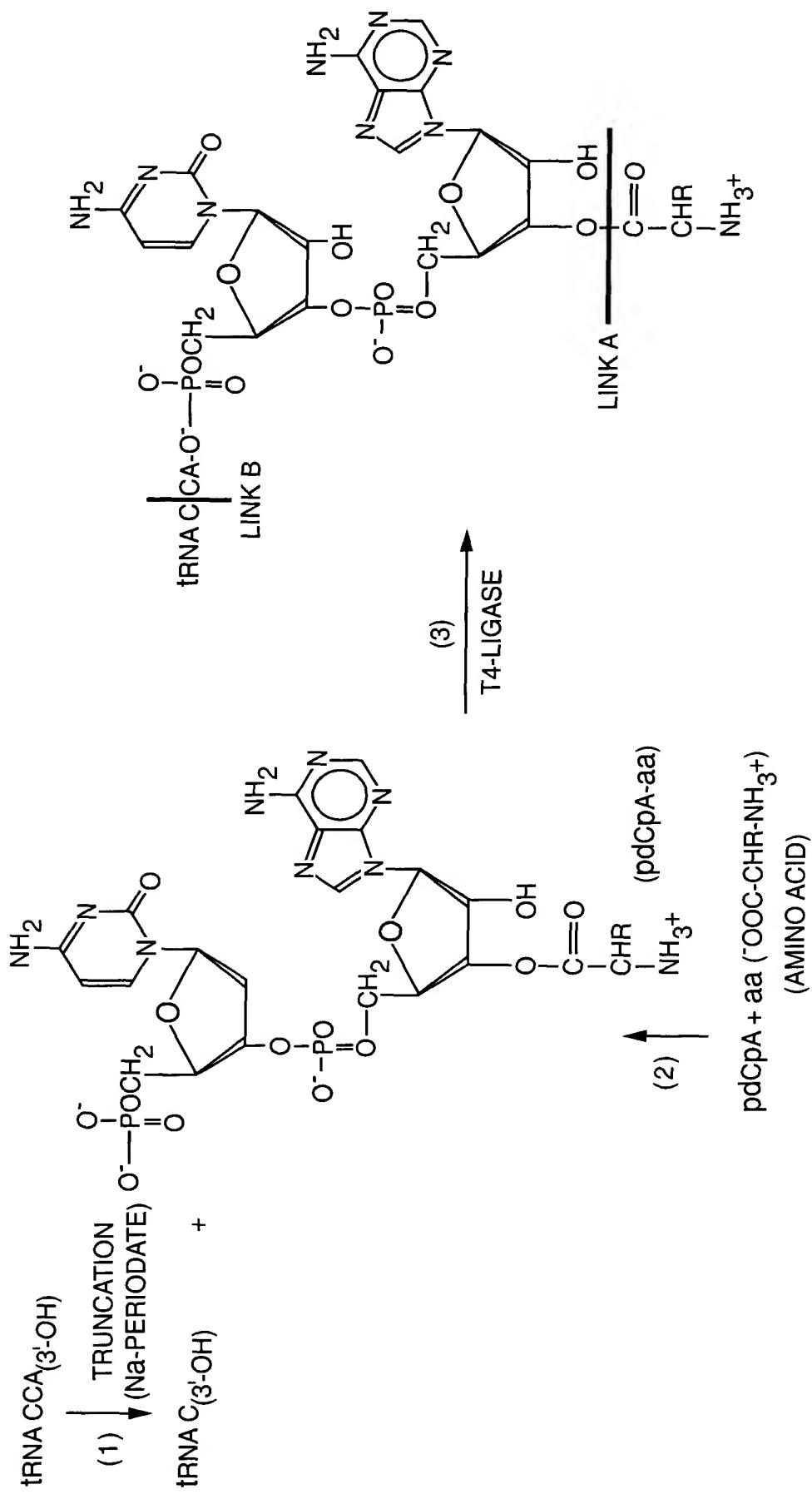
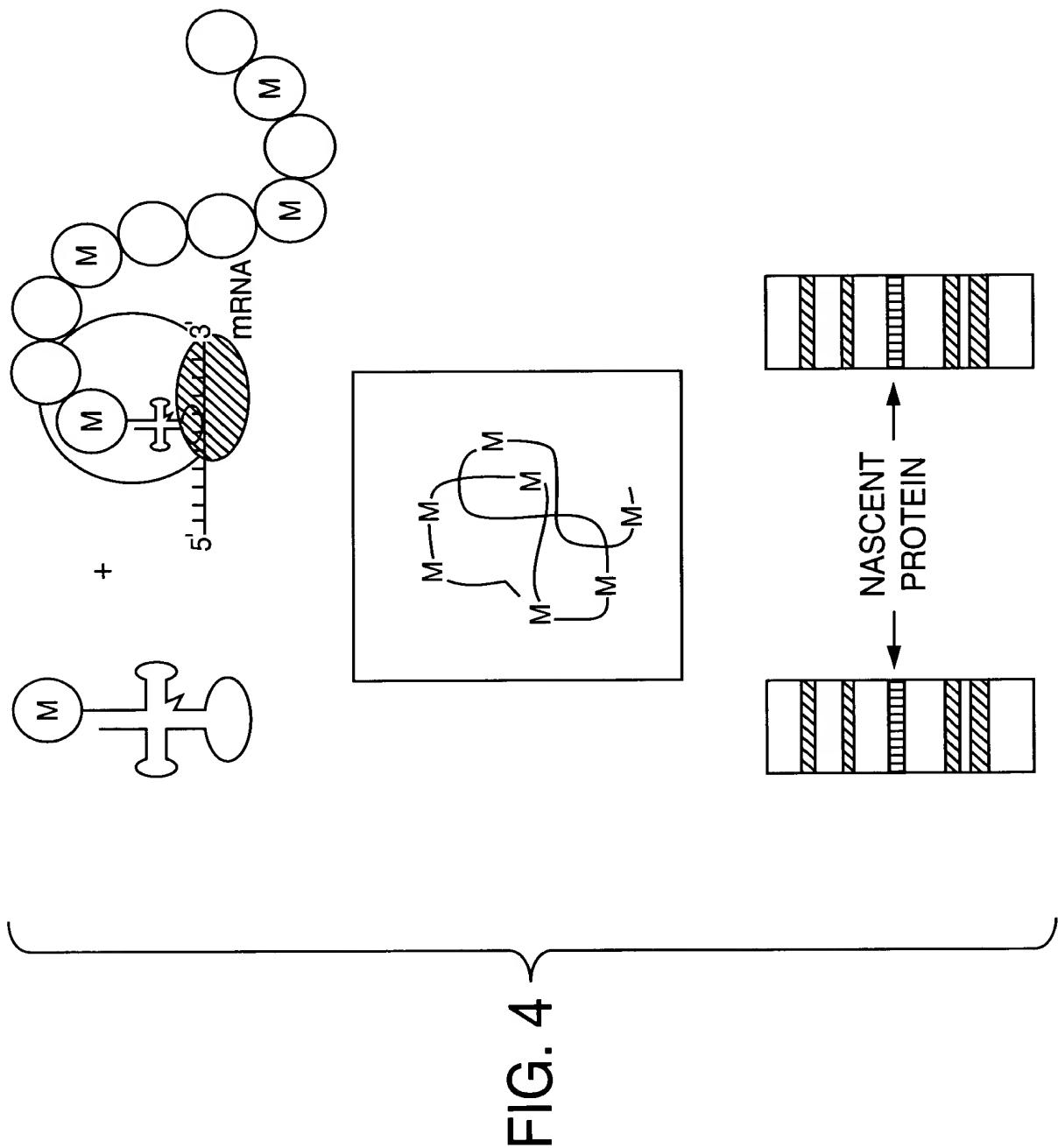


FIG. 3B

APPROVED BY	O.G. FIG.	
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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 5 of 36



APPROVED
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Serial No.: Filled. 10/09/2001
Examiner: Group Art Unit:
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 6 of 36

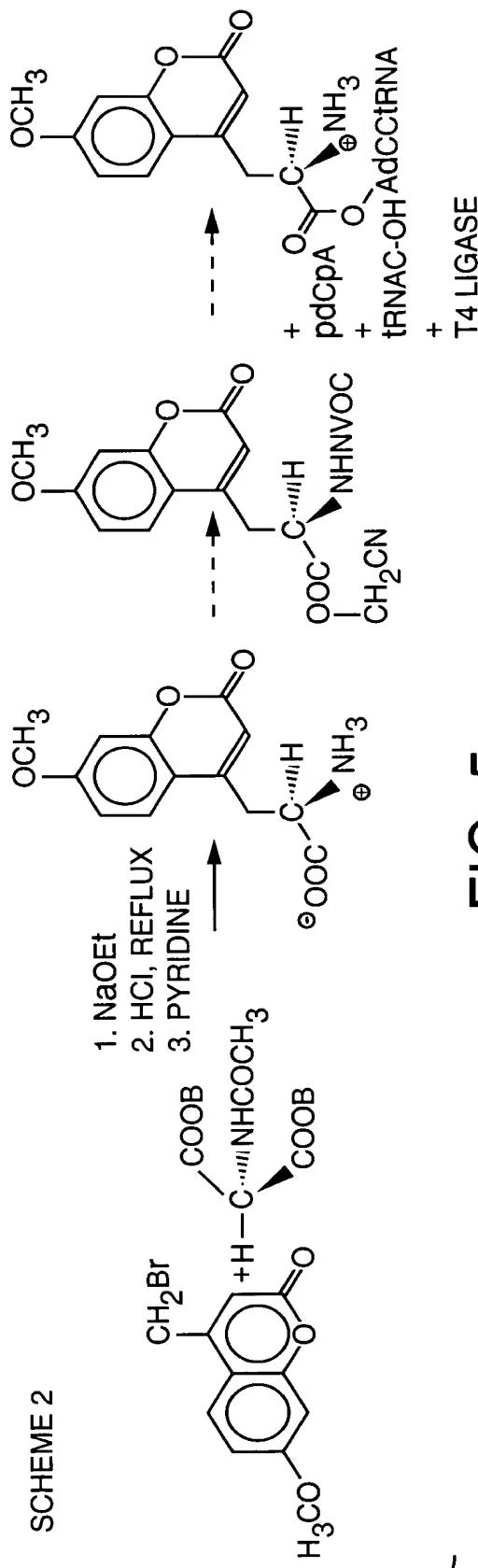
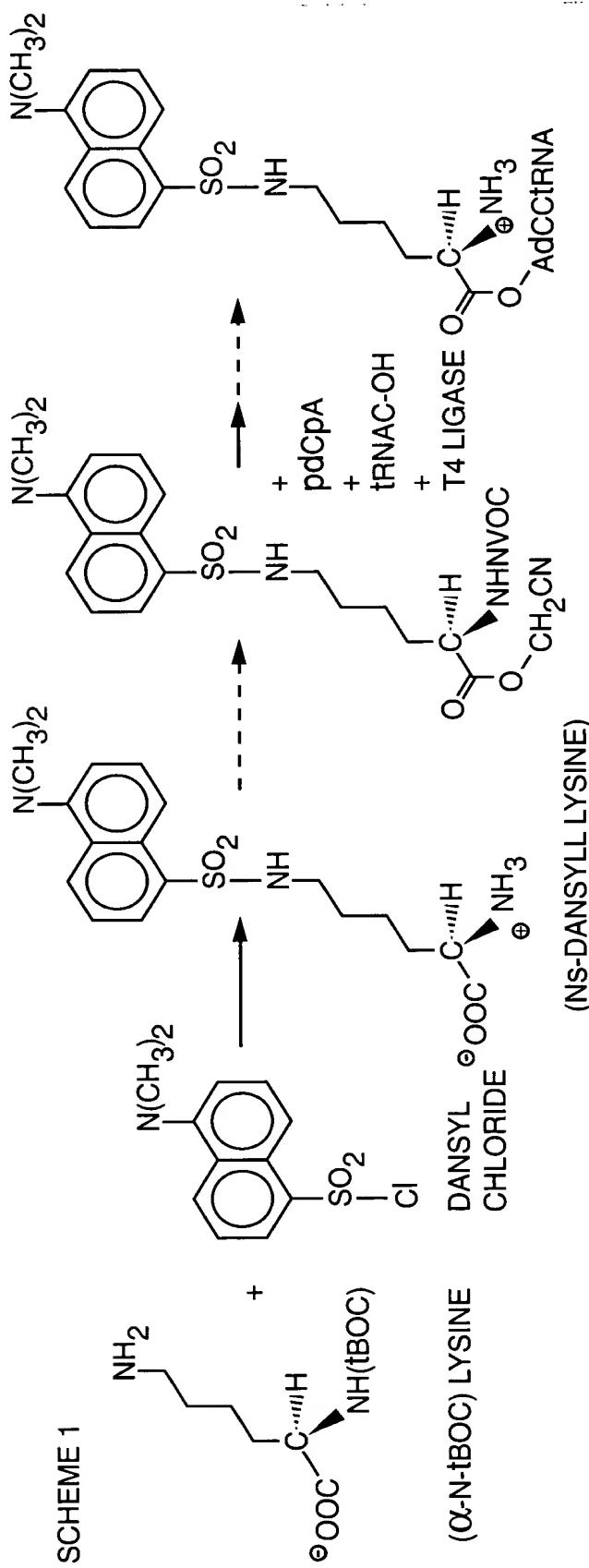


FIG. 5

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Serial No.: Filed: 10/09/2001
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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 7 of 36

FIG. 6A

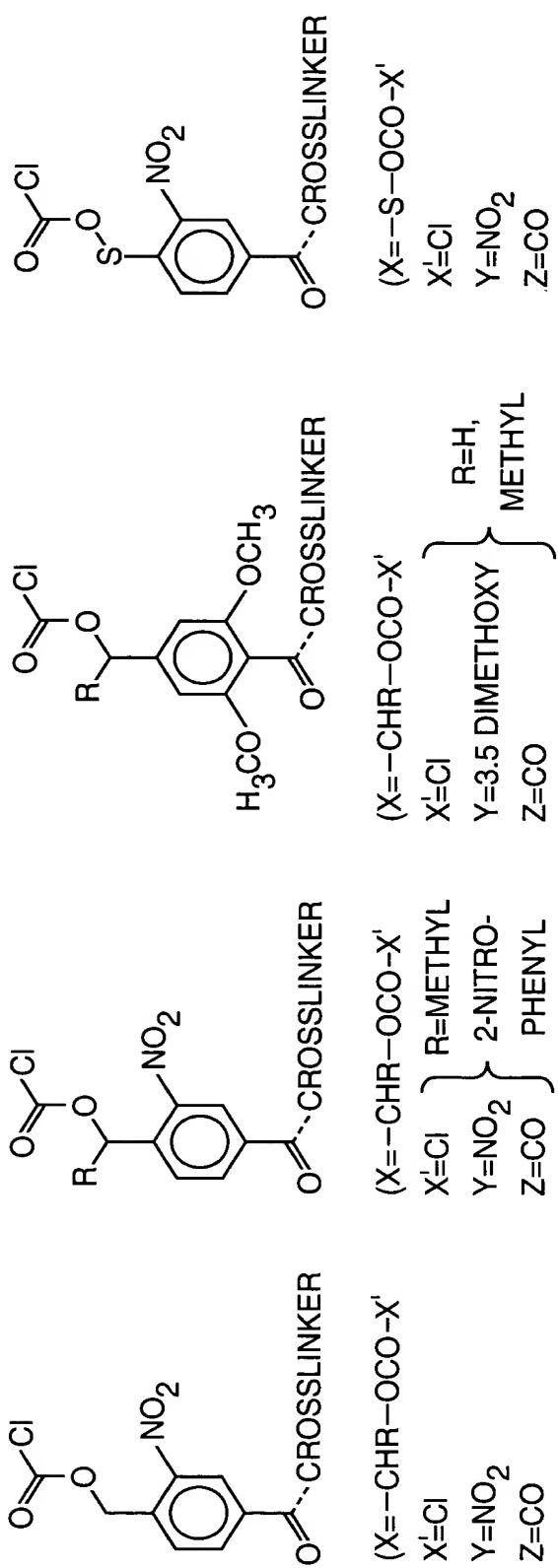
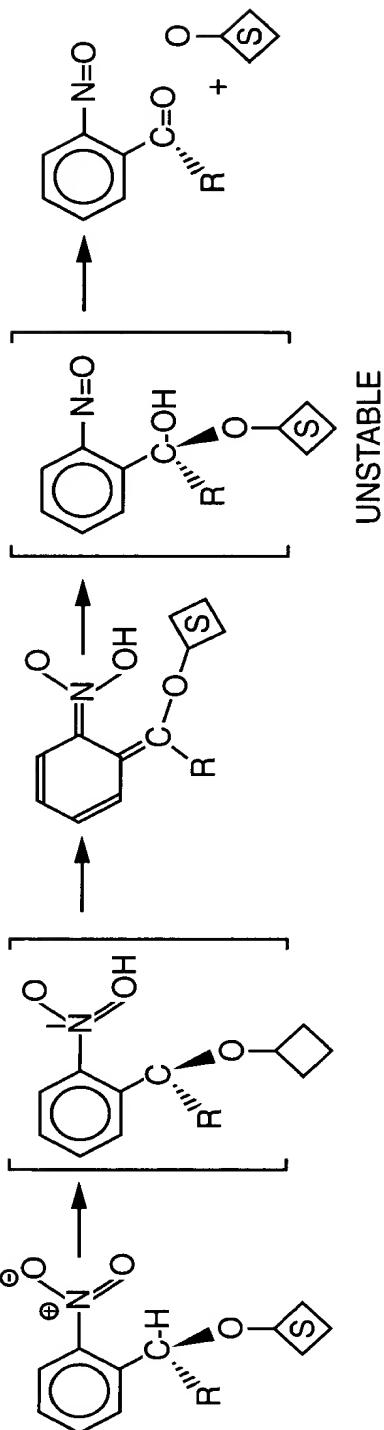


FIG. 6B



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O.G. FIG.	CLASS	SUBCLASS
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Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 8 of 36

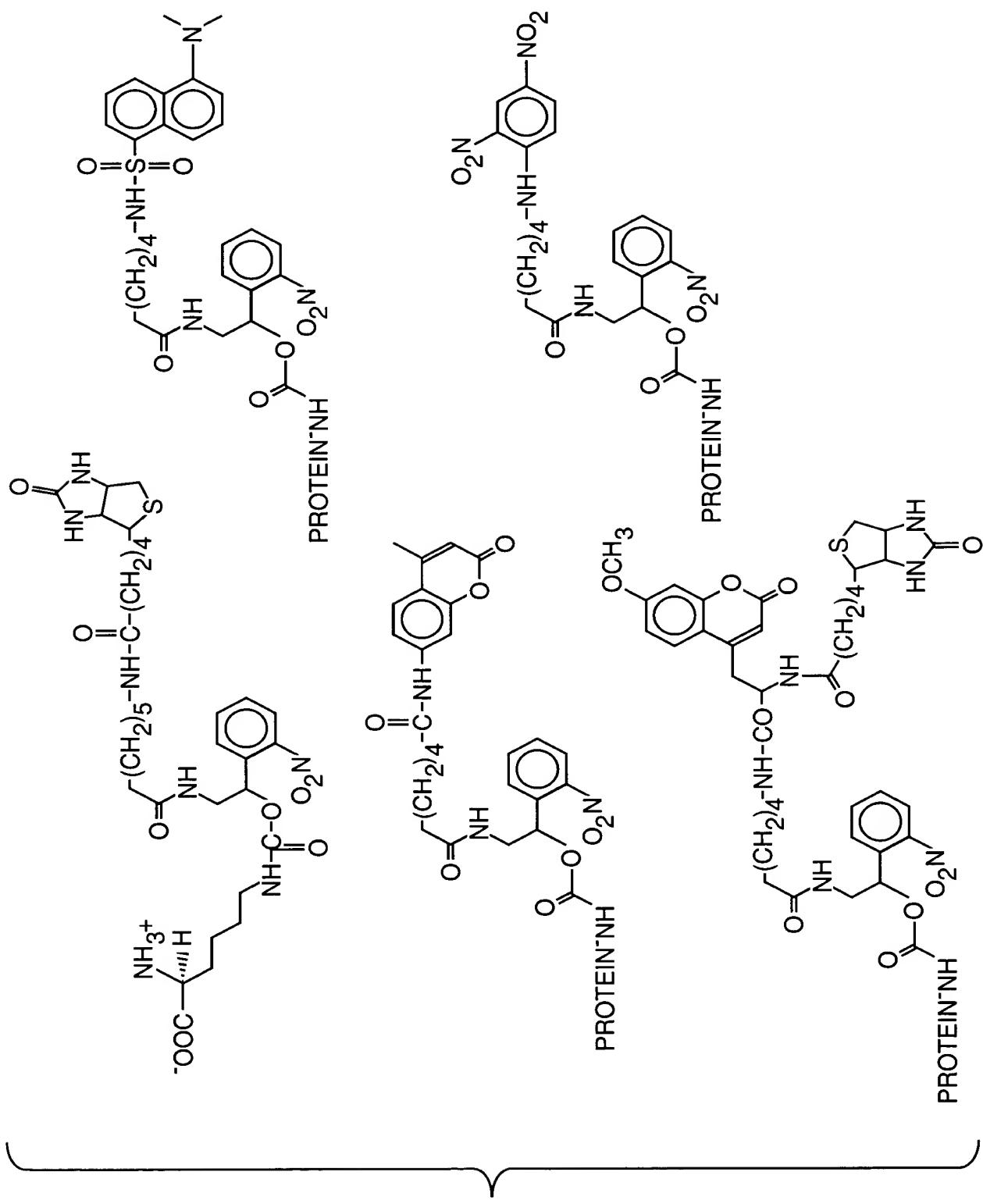


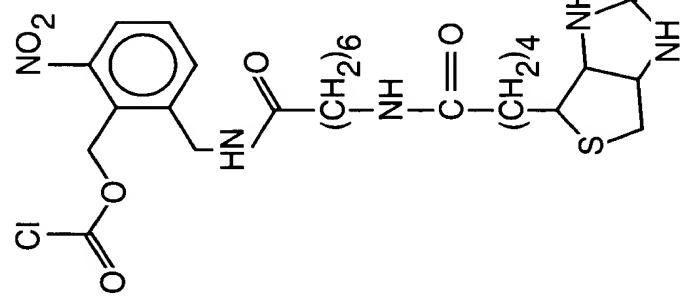
FIG. 7

APPROVED	O.G. FIG.	
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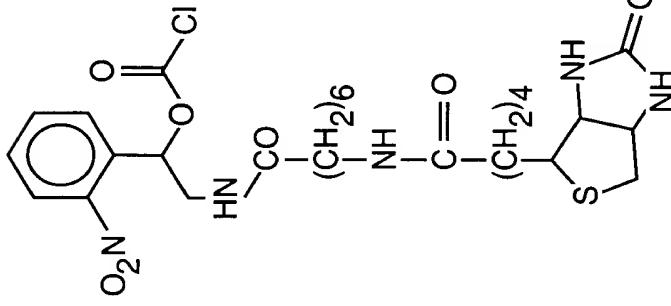
PHOTOCLEAVABLE BIOTINS

O-NITROBENZYL

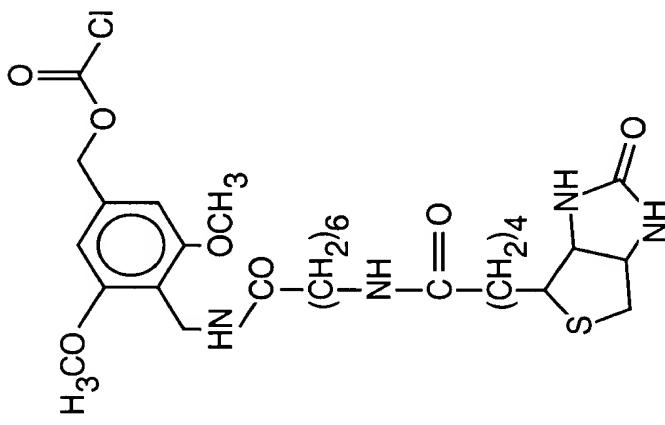
RING DEILVALIZATION



α-SUBSTITUTION



3.5-DIMETHOXYBENZYLOXYCARBONYL



2-NITROBENZYLSULFENYL

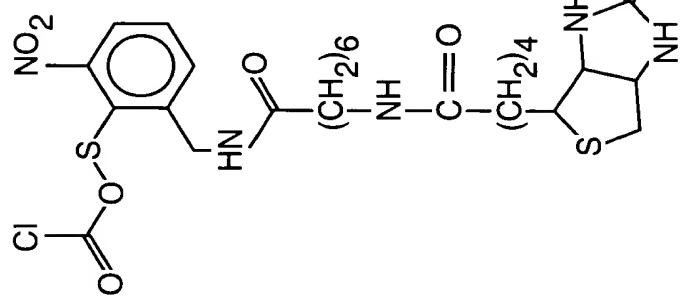


FIG. 8A

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 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 10 of 36

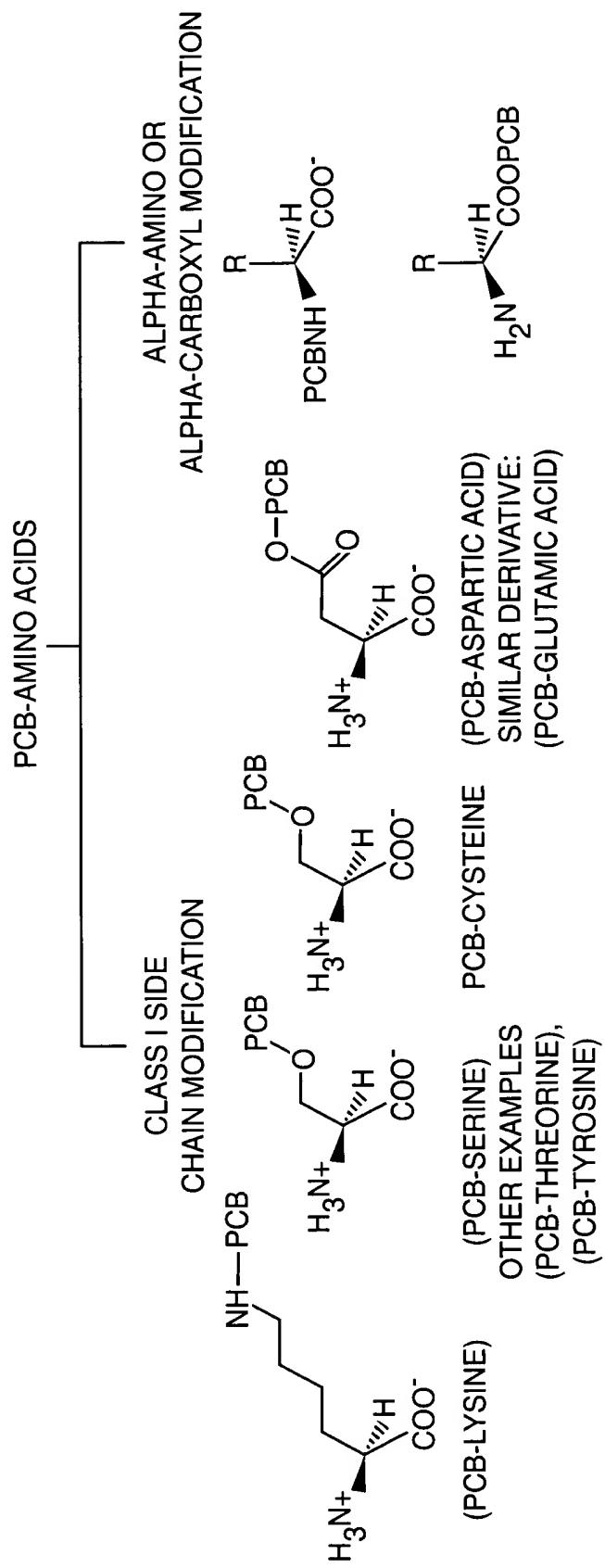
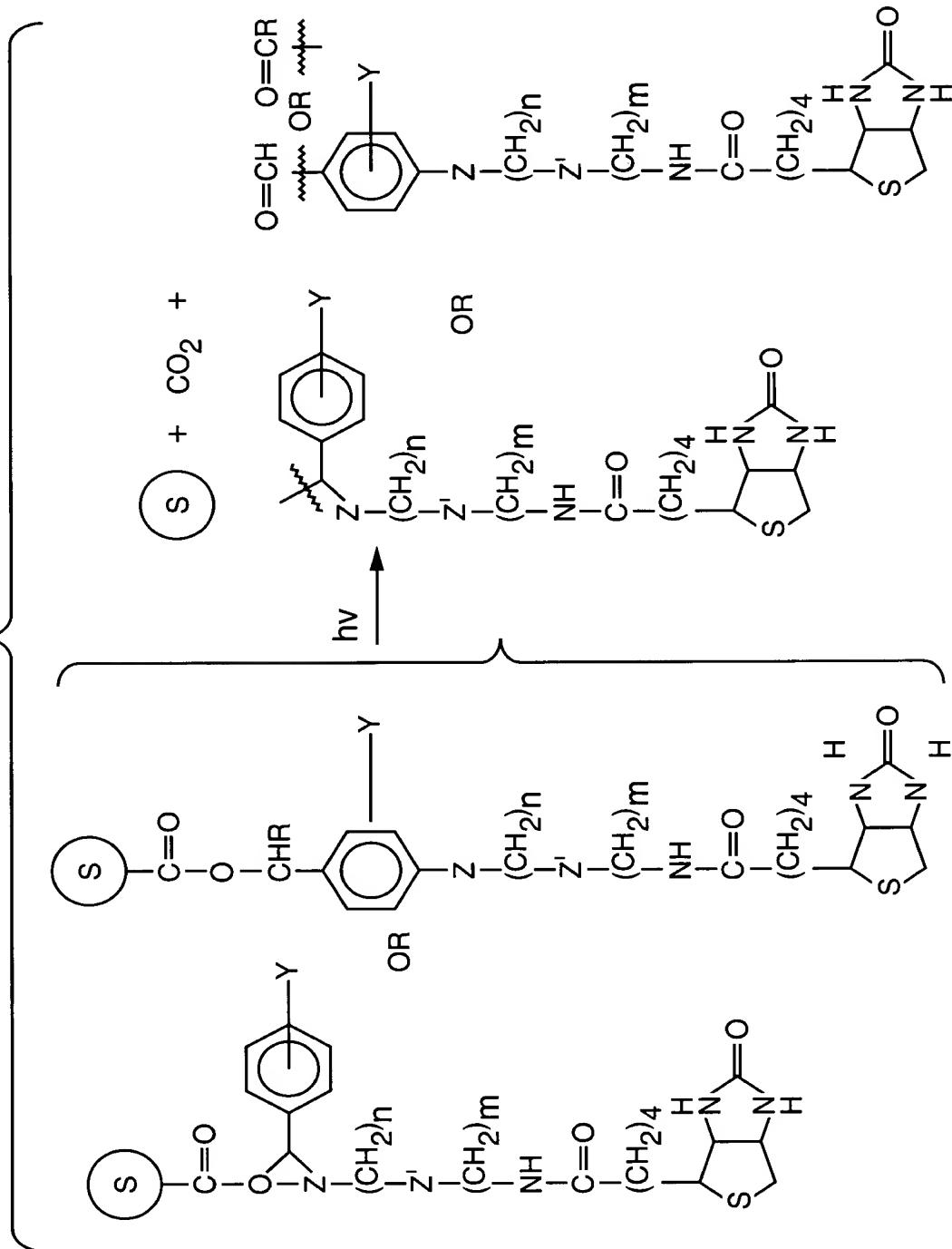


FIG. 8B

APPROVED BY DRAFTSMAN	O.G. FIG.	
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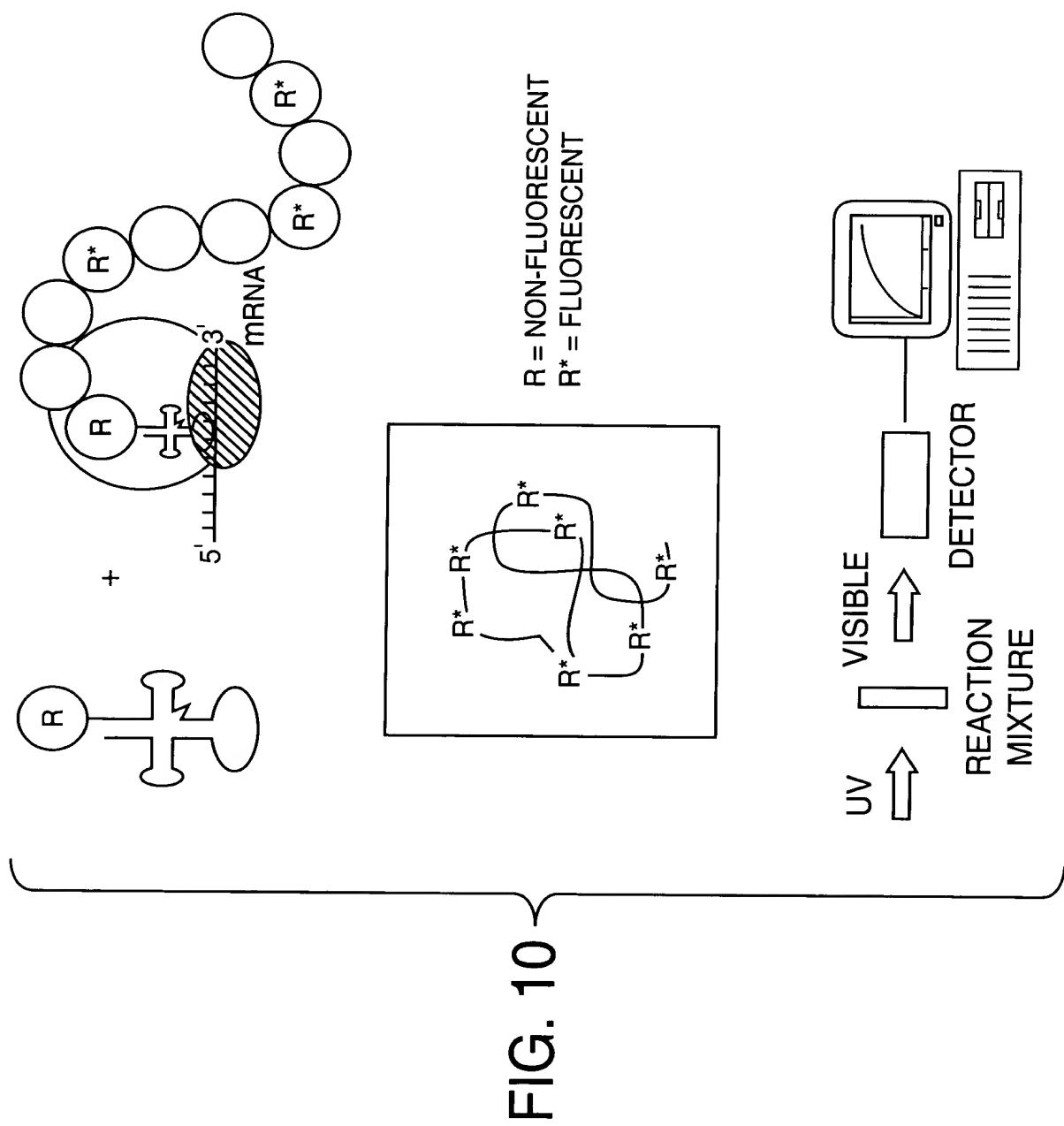
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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 11 of 36

FIG. 9



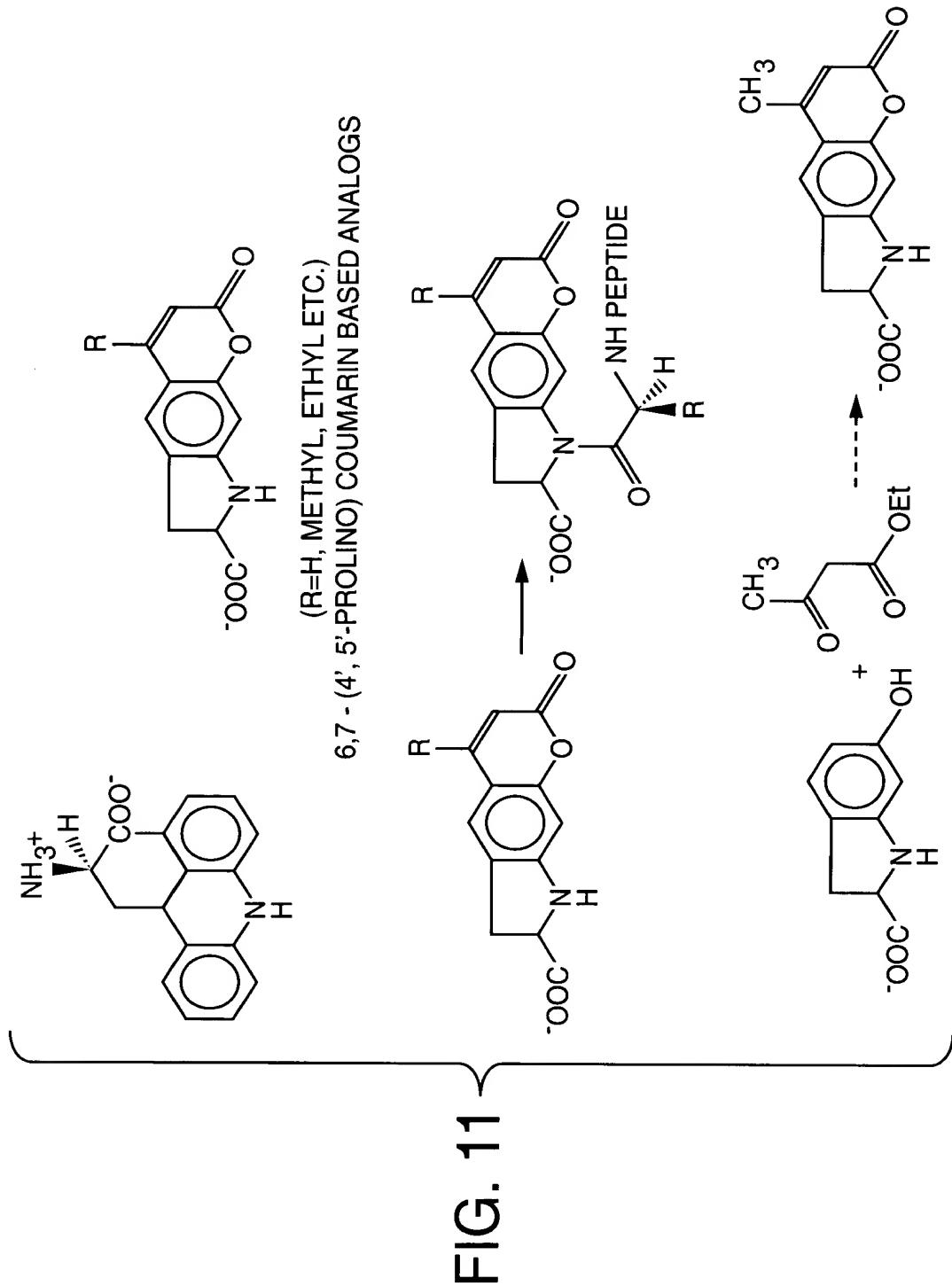
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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 12 of 36



APPROVED BY DRAFTSMAN	O.G. FIG.
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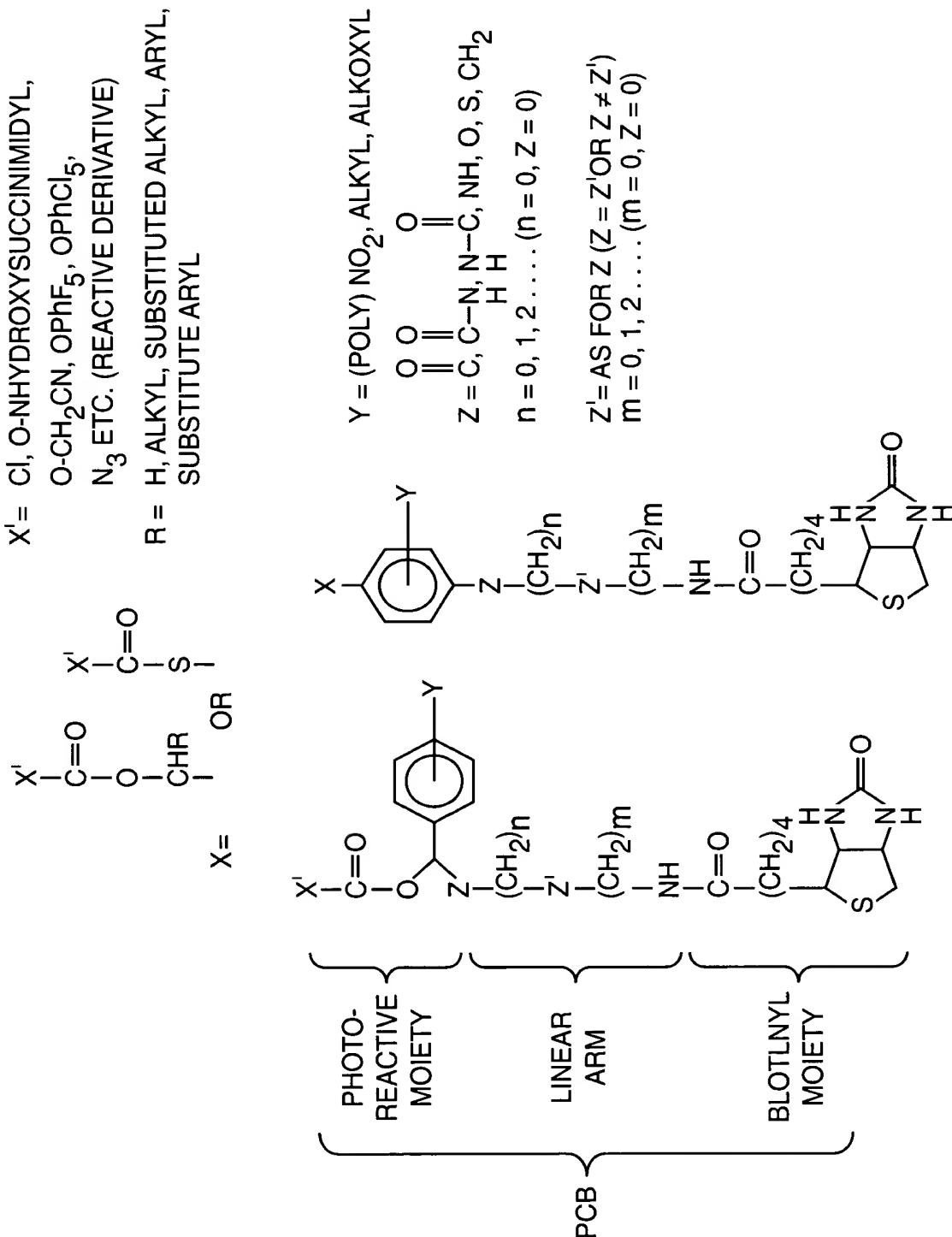
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 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 13 of 36



APPROVED BY	O.G. FIG.	
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Serial No.: Filed: 10/09/2001
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 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 14 of 36

FIG. 12



APPROVED BY DRAFTSMAN	O.G. FIG.
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 Markers In Nascent Proteins**
 Atty. Docket No.: AMBER-06819 Sheet 15 of 36

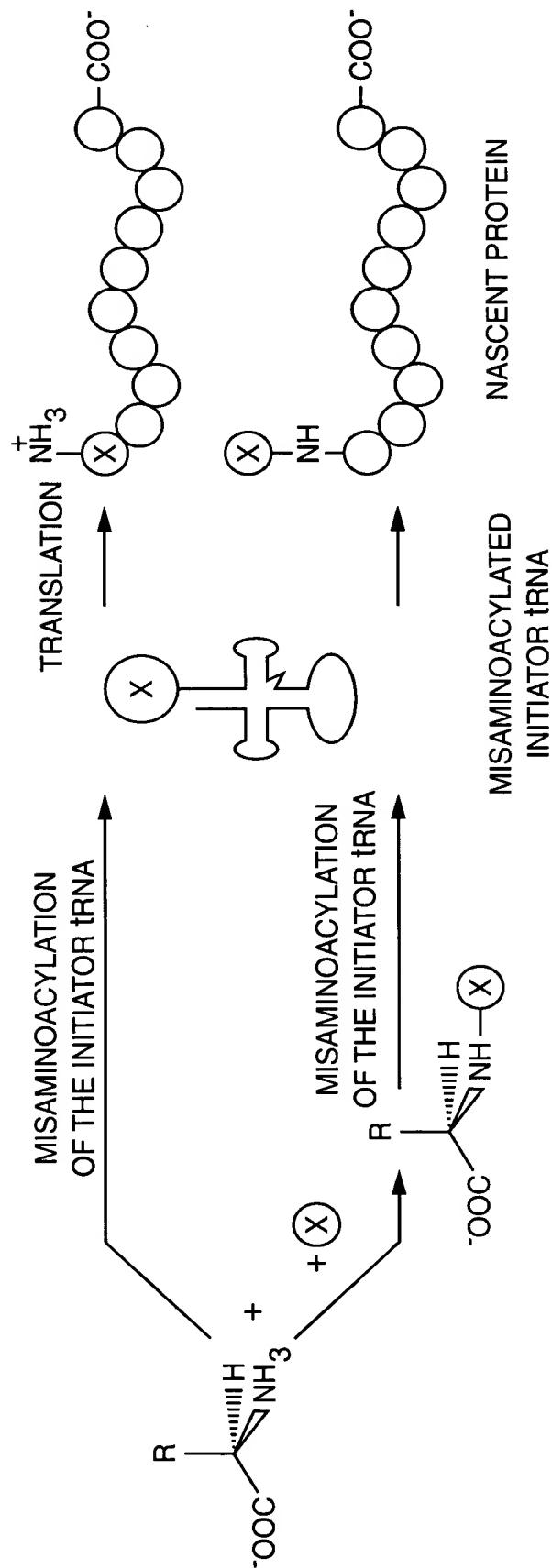
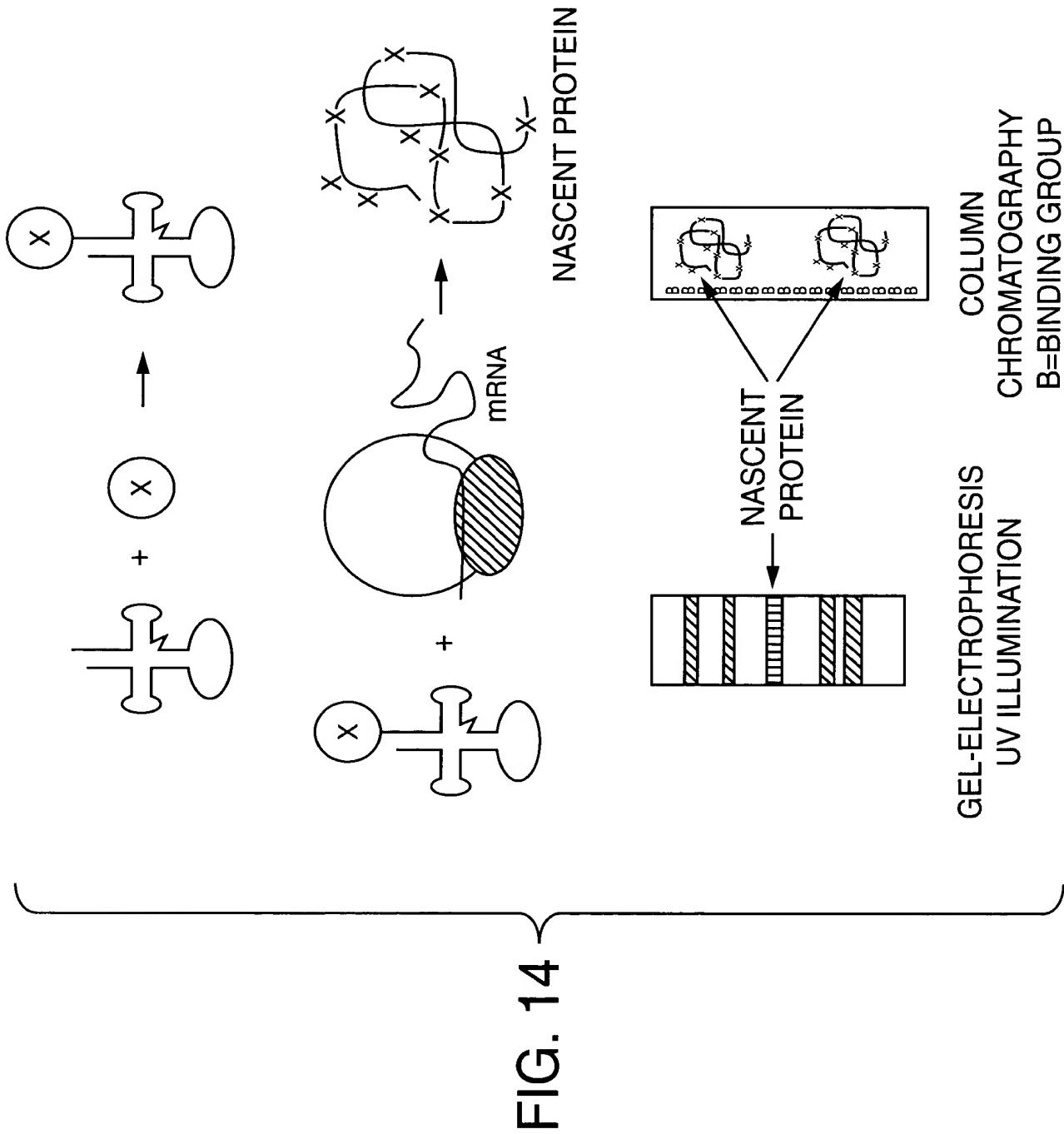


FIG. 13

APPROVED BY DRAFTSMAN	O.G. FIG.
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Serial No.: 10/09/2001
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 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 16 of 36



APPROVED	O.G. FIG.
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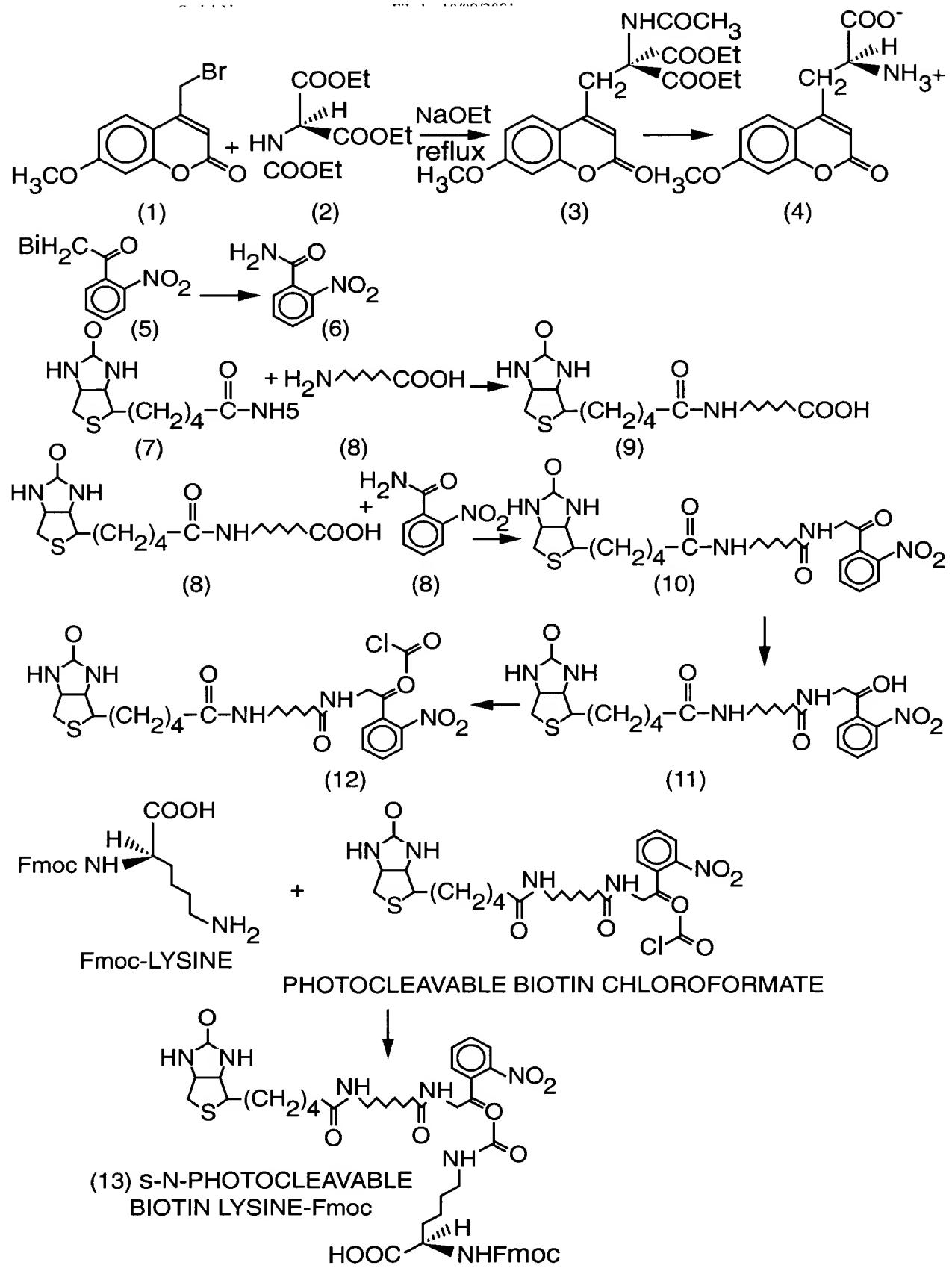
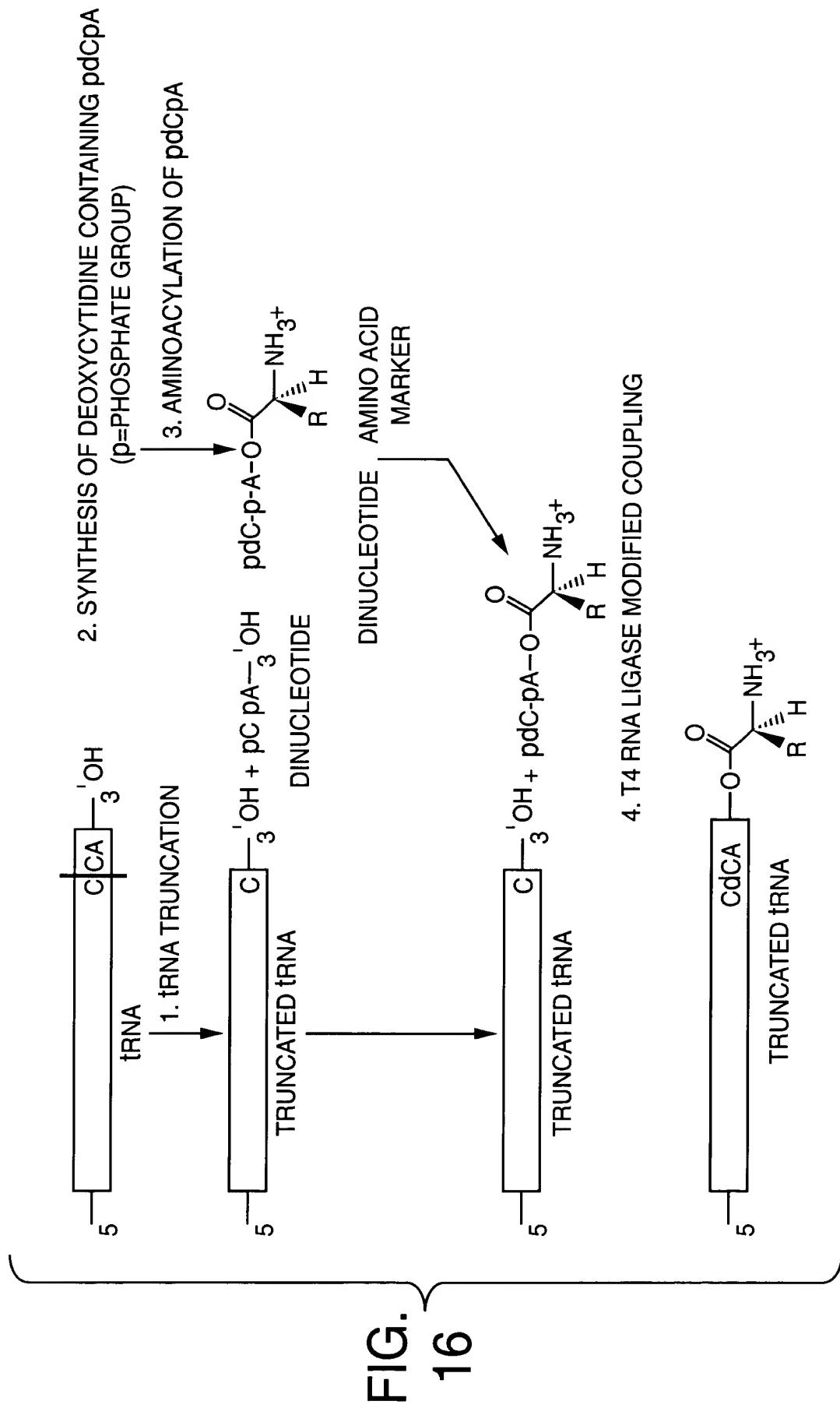


FIG. 15

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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 18 of 36



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Serial No.. Filed. 10/09/2000.
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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 19 of 36

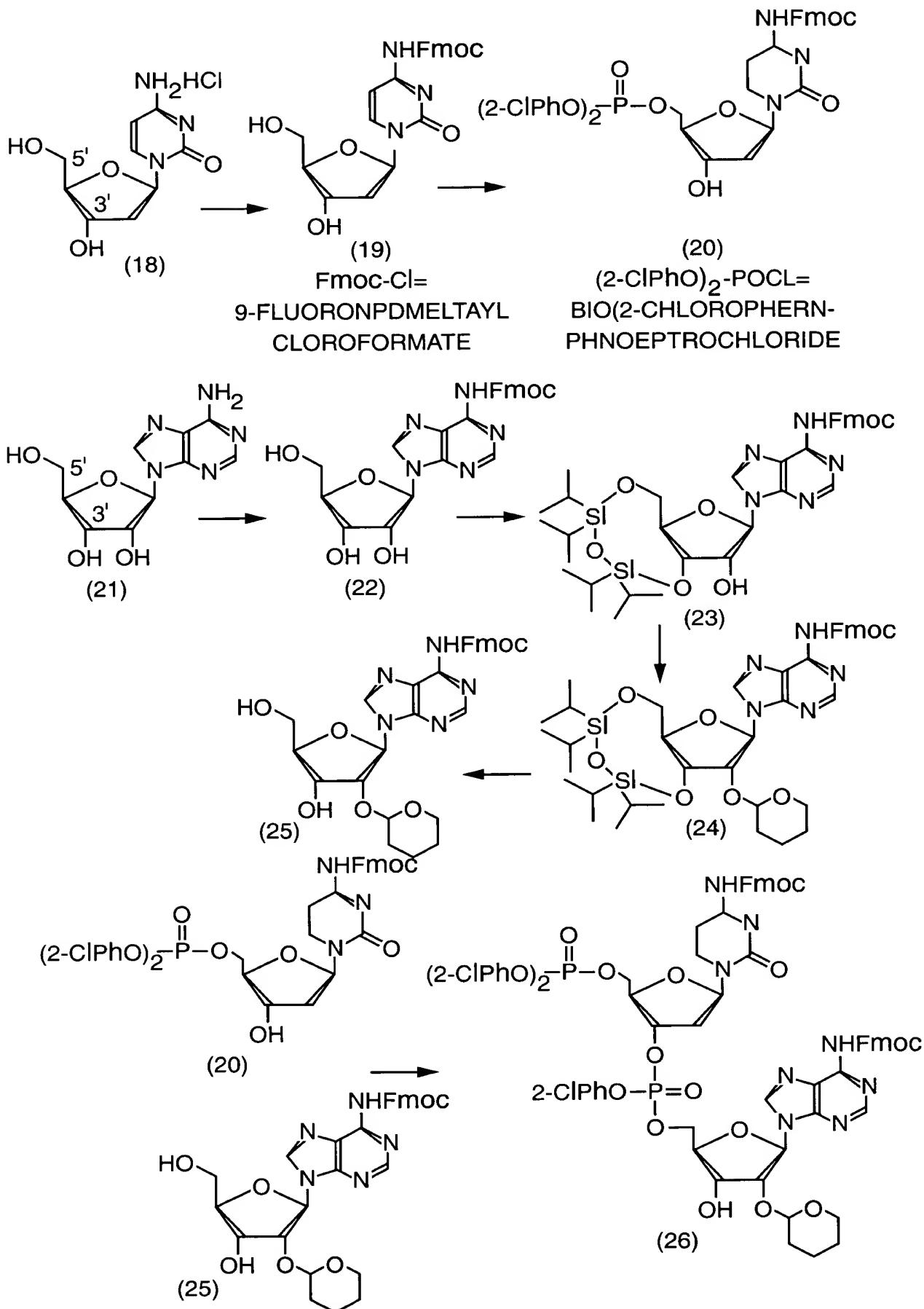
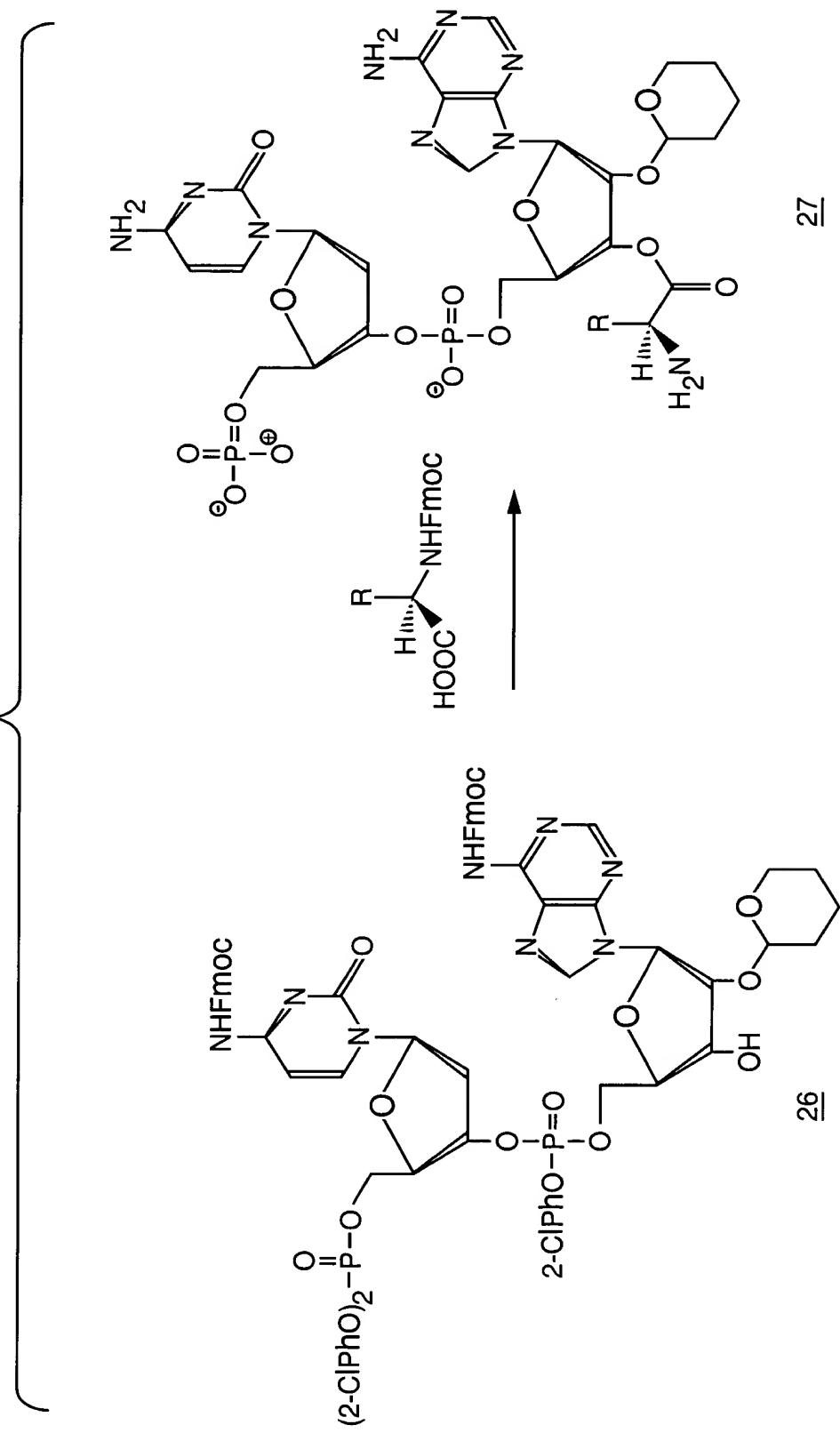


FIG. 17

APPROVED BY DRAFTSMAN	O.G. FIG.
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Serial NO.: 10/09/2001
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 Title: N-Terminal and C-Terminal
 Markers In Nascent Proteins
 Atty. Docket No.: AMBER-06819 Sheet 20 of 36

FIG. 18



APPROVE	O.G. FIG.	
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Serial No.: Filed: 10/09/2001
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 21 of 36

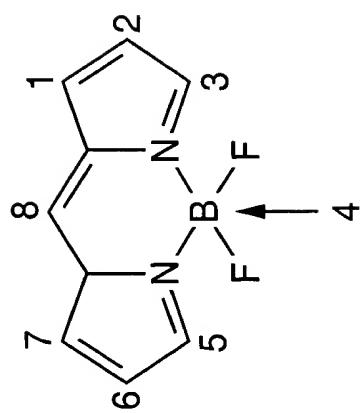


FIG. 19

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Serial No.: Filed. 10/09/2001
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Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 22 of 36

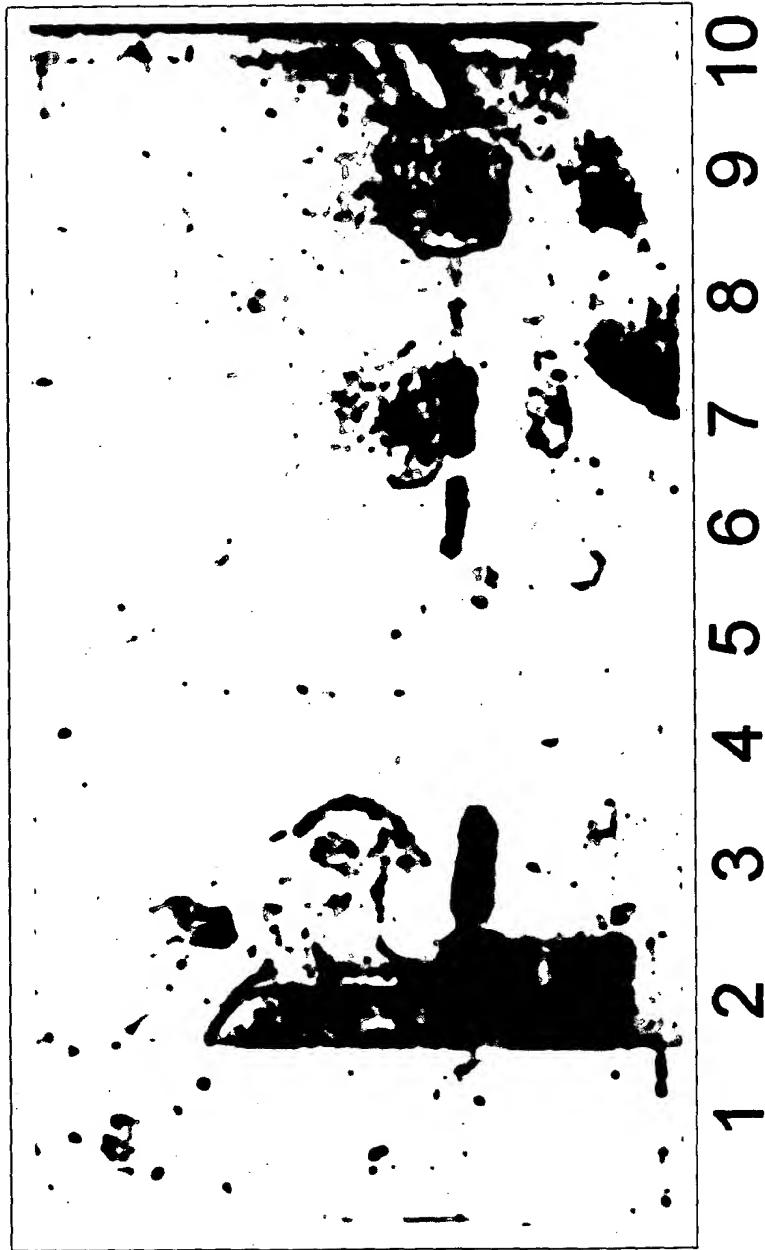
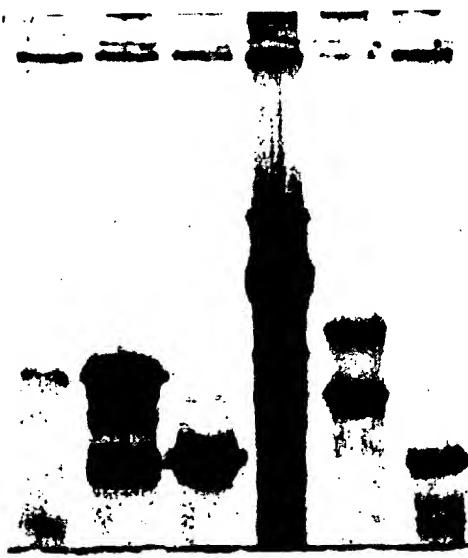


Fig. 20

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Serial No.: 10/09/2001
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 23 of 36

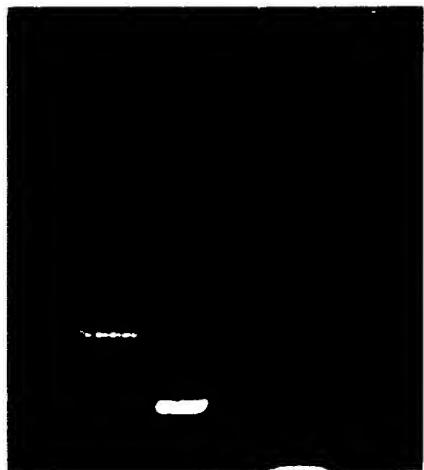


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Fig. 21A

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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 24 of 36



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Fig. 21B

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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 25 of 36

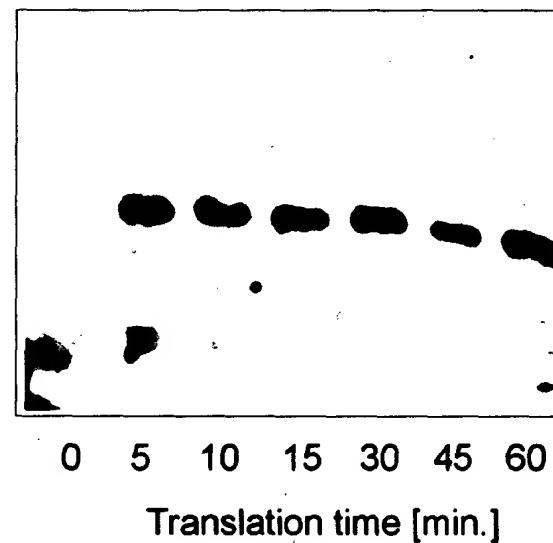


Fig. 22A

APPROVED BY DRAFTSMAN	O.G. FIG.	
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Serial No.: 10/09/2001
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 26 of 36

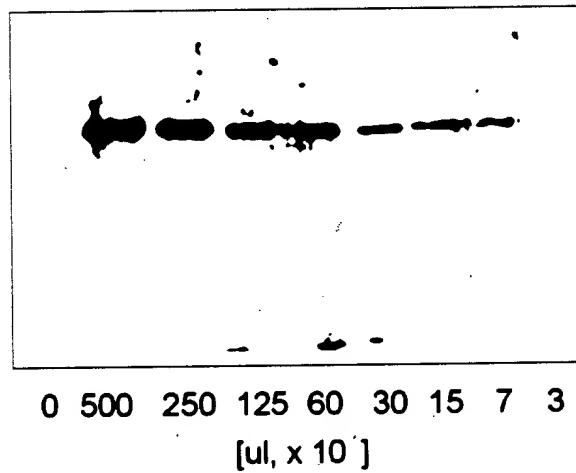


Fig. 22B

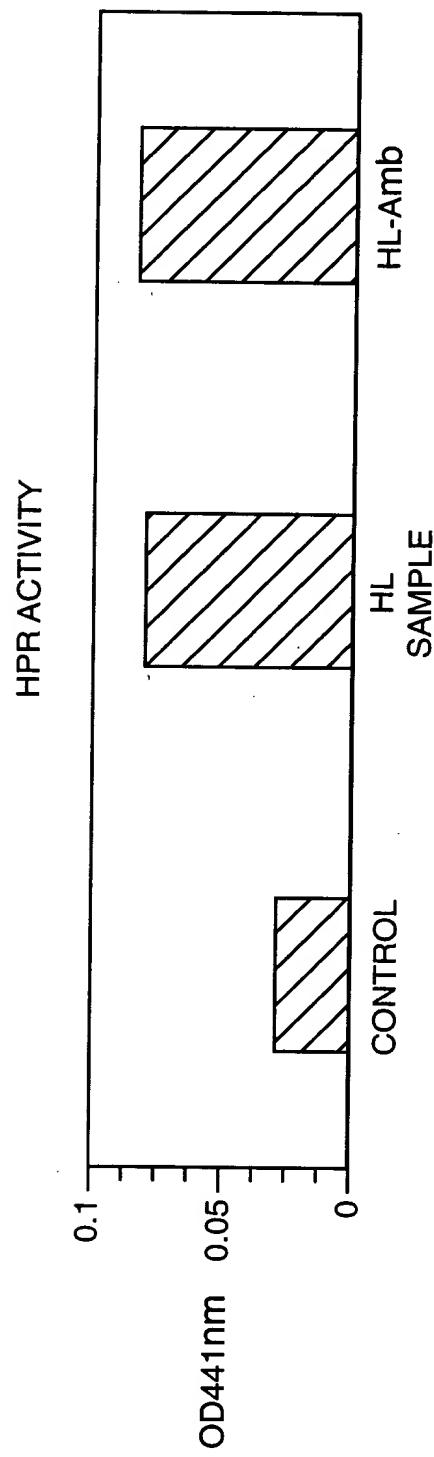


FIG. 23A

APPROVED	U.G. FIG.	
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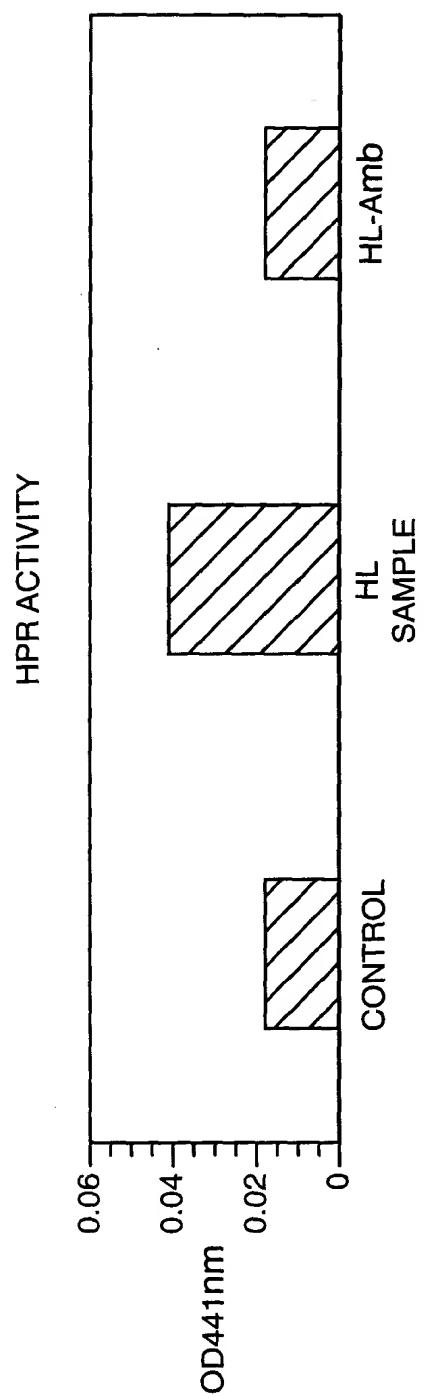


FIG. 23B

APPROVED BY	O.G. FIG.	
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 29 of 36



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Fig. 24

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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 30 of 36



1 2

Fig.25

APPROVED BY	O.G. FIG.	
DRAFTSMAN	CLASS	SUBCLASS

Serial No.: 10/09/2001
Examiner: Group Art Unit:
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 31 of 36



1 2 3 4 5 6 7 8 9 10

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Fig. 26A

APPROVED	O.G. FIG.	
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Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 32 of 36



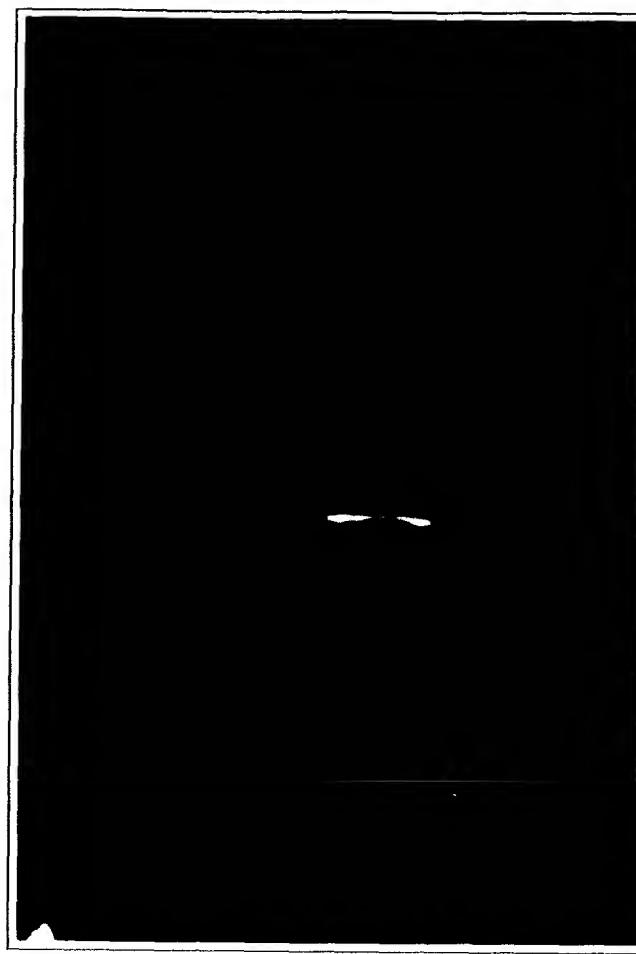
1 2 3 4 5 6 7 8 9 10

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Fig. 26B

APPROVED	Q.G. FIG.	
BY	CLASS	SUBCLASS
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Title: N-Terminal and C-Terminal
Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 33 of 36



1 2 3 4

Fig.27

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Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 34 of 36

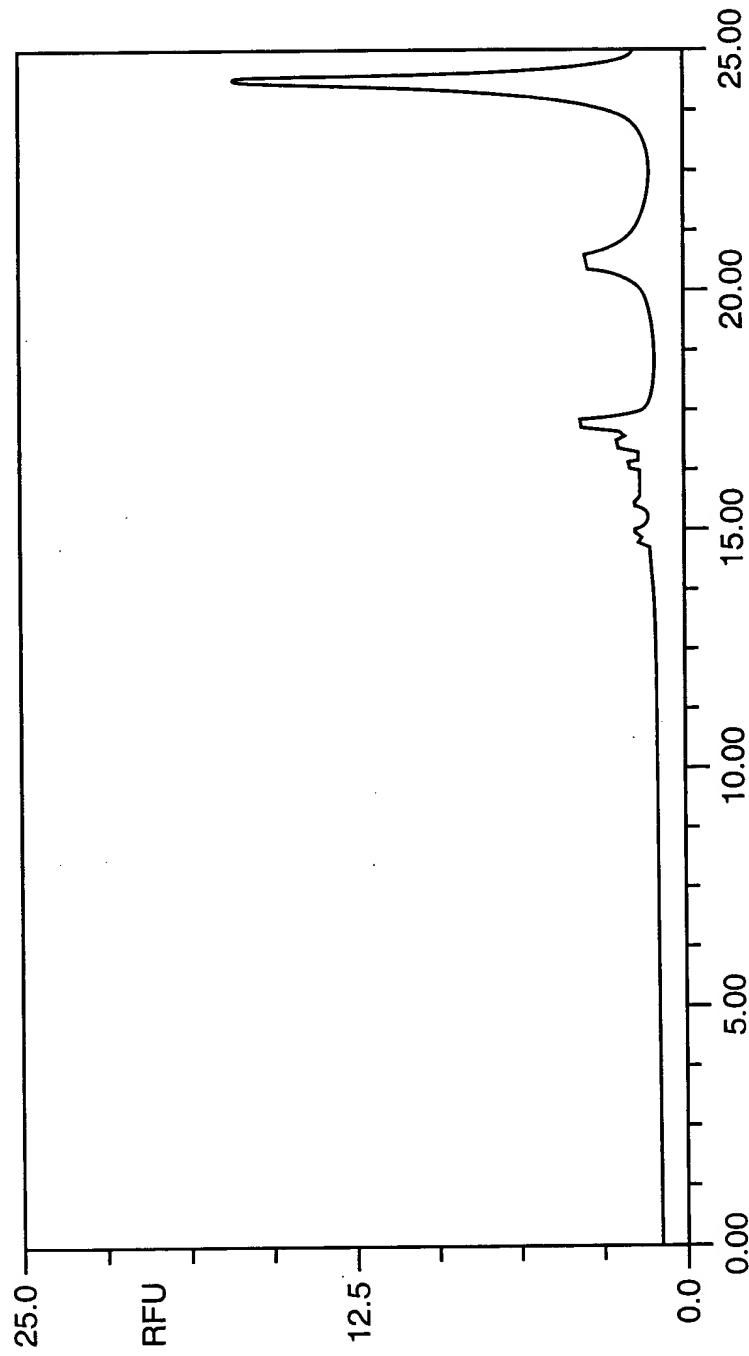


FIG. 28A

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Markers In Nascent Proteins
Atty. Docket No.: AMBER-06819 Sheet 35 of 36

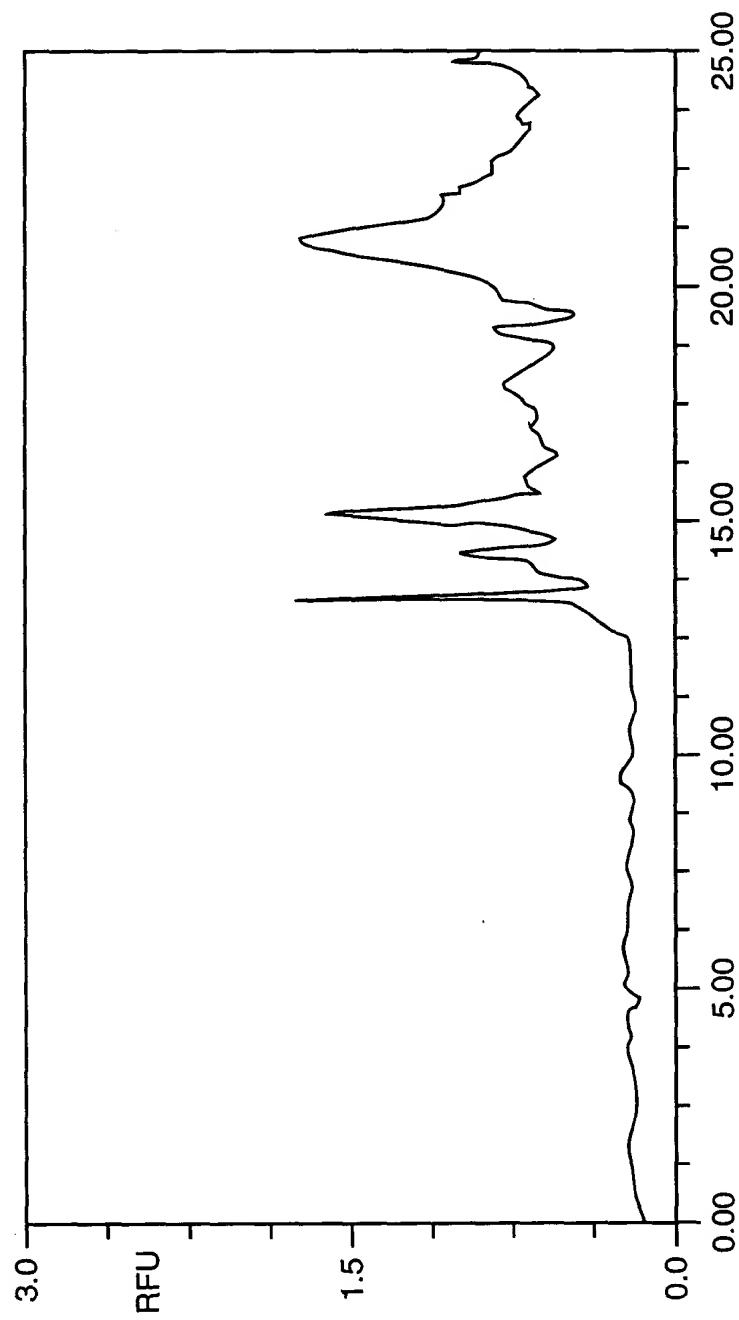
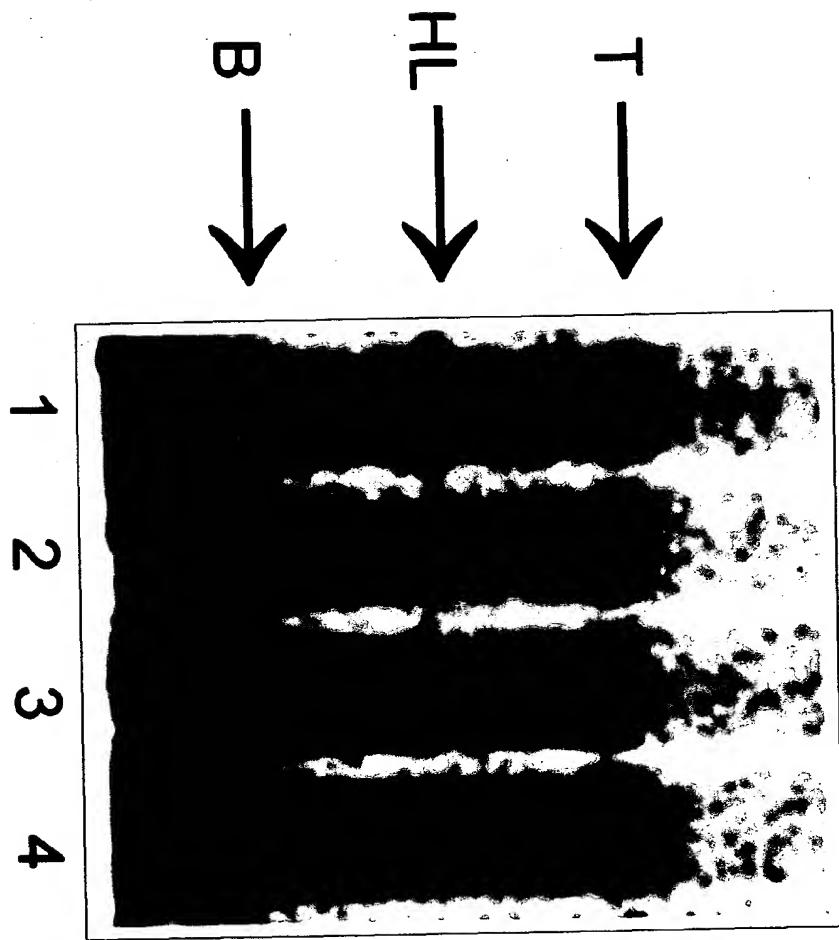


FIG. 28B

Fig.29



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Markers in Nascent Proteins
Alt. Doc#: AMBER-06819 Sheet 36 of 36

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